6 NOTES

6.1 Subject term (key word) listing.

The follow key words and phrases apply to this document.

CNR
Combat Network Radio
Data Communications Protocol
Data Link
Error Detection and Correction
Interoperability
Intranet
Logical Link Control
~~MAC~~
Media Access Control

6.2 Issue of the DoD index of specifications and standards.

6.3 Interoperability considerations.

6.3.1 Transmission channel.

6.3.2 Physical interface.

6.3.2.1 SINCGARS system improvement program (SIP) receiver/transmitter (R/T) interface.

6.3.2.1.1 Carrier sense multiple access (CSMA) network access.

6.3.2.1.2 Network busy sensing and receive status.

6.3.2.1.3 Network timing model parameters.

The Network Timing Model is described in Appendix C. The model defines parameters necessary to insure interoperability. It is important to insure that all systems participating in a network use the same parameter values. Parameter values are provided in a separate document entitled "MIL-STD-188-220 ~~Media Access Configuration (MAC) Parameters and~~ Parameter Table ~~Values~~". ~~These~~ This table~~parameters and values~~ should be utilized by all systems.

6.3.2.2 SINCGARS integrated COMSEC (ICOM) R/T interface.

6.3.2.2.1 NRZ physical interface between DTE and R/T.

6.3.2.2.2 Network busy sensing and receive status.

6.3.2.2.3 Network timing model parameters.

The Network Timing Model is described in Appendix C. Parameter values are provided in a separate document entitled "MIL-STD-188-220 ~~Media Access Configuration (MAC) Parameters and~~ Parameter Table ~~Values~~". ~~These~~ This table ~~parameters and values~~ should be utilized by all systems.

6.3.2.3 HAVEQUICK II R/T interface.

6.3.2.3.1 Network timing model parameters.

The Network Timing Model is described in Appendix C. Parameter values are provided in a separate document entitled "MIL-STD-188-220 ~~Media Access Configuration (MAC) Parameters and~~ Parameter table ~~Values~~". ~~These~~ This ~~parameters and values~~ table should be utilized by all systems.

6.3.2.4 COMSEC interoperability.

The COMSEC function provides a link encryption capability. In the traditional COMSEC mode of operation, the COMSEC function (normally implemented in ancillary equipment) is considered part of the transmission channel. In the embedded COMSEC mode, the COMSEC function is an integral part of the DMTD subsystem.